

Master

1. Students should fill the “**Thesis Advisor Selection Form**” before registration. The thesis advisor will be assigned by the priority of “Thesis Advisor Selection Form” and the number of students each advisor can take each year. **Once advisors have been assigned, students can not change advisor without the agreement of original advisor.**
2. Students can have more than one thesis advisor, but **the main thesis advisor need be the full time or adjunct faculty in Biomedical Engineering department.**
3. Students of the program in Biomedical Engineering Institute are required to complete a minimum of **30 credits including 4 credits of seminars** for graduation.
4. Students who take course from other institutes need fill “**Courses Recognition Application Form**” and approved by thesis advisor in order to account for graduation credits.

Group A & B

- Students of the program in Biomedical Engineering Institute are required to complete a minimum of **30 credits including 4 credits of seminars** for graduation.

Biomedical Engineering BME	P8-021 P850020-1 [BME9690]	MD	Discussion	SEMINAR (2) Course taught in English The course enrollment is for 1st year doctoral students, MDI and foreign students who major in Biomechanic and Materials only.	1 Required
Biomedical Engineering BME	P8-022 P850020-2 [BME9690]	MD	Discussion	SEMINAR (2) Course taught in English The course enrollment is for 1st year doctoral students, MDI and foreign students who major in Biomedical electronic and Biosensor only.	1 Required
Biomedical Engineering BME	P8-023 P850040-1 [BME9690]	MD	Discussion	SEMINAR (4) Course taught in English The course enrollment is for 2nd year doctoral students, MDI and foreign students who major in Biomechanic and Materials only.	1 Required
Biomedical Engineering BME	P8-024 P850040-2 [BME9690]	MD	Discussion	SEMINAR (4) Course taught in English The course enrollment is for 2nd year doctoral students, MDI and foreign students who major in Biomedical electronic and Biosensor only.	1 Required
Biomedical Engineering BME	P8-033 P850010-1 [BME9690]	1 MD	Discussion	SEMINAR (1) Course taught in English Taught in English- Biomechanics	1 Required
Biomedical Engineering BME	P8-034 P850010-2 [BME9690]	1 MD	Discussion	SEMINAR (1) Course taught in English Taught in English- Bioelectronics	1 Required
Biomedical Engineering BME	P8-035 P850030-1 [BME9690]	2 MD	Discussion	SEMINAR (3) Course taught in English Taught in English- Biomechanics	1 Required
Biomedical Engineering BME	P8-036 P850030-2 [BME9690]	2 MD	Discussion	SEMINAR (3) Course taught in English Taught in English- Bioelectronics	1 Required

4 Credits Required

(Four credits of seminars, please choose the right group by following the information.)

Biomechanics--Group A

Professor	Email
Fong-Chin Su	fcsu@mail.ncku.edu.tw
Yeau-Ren Jeng	imeyri@gs.ncku.edu.tw
Min-Long Yeh	mlyeh@mail.ncku.edu.tw
Chih-Han Chang	changbme@mail.ncku.edu.tw
Han-Sheng Chuang	oswaldchuang@mail.ncku.edu.tw
Wen-Tai Chiu	wtchiu@mail.ncku.edu.tw
Peng-Ting Chen	chen@mail.ncku.edu.tw
Ping-Ching Wu	wbcxyz@gmail.com
Ting Yuan Tu	tingyuan@mail.ncku.edu.tw
Tai-Hua Yang	dd2006tw@gmail.com
Dean Chou	dean@gs.ncku.edu.tw
Ching-Hsiang Fan	s1024@msn.com

Bioelectronics--Group B

Professor	Email
Jia-Jin J. Chen	chenjj@mail.ncku.edu.tw
Hsien-Chang Chang	hcchang@mail.ncku.edu.tw
Tain-Song Chen	chents@mail.ncku.edu.tw
Kuo-Sheng Cheng	kscheng@mail.ncku.edu.tw
Chih-Chung Huang	cchuang@mail.ncku.edu.tw
Wen-Tai Chiu	wtchiu@mail.ncku.edu.tw
Peng-Ting Chen	chen@mail.ncku.edu.tw
Che Wei Lin	lincw@mail.ncku.edu.tw
Yi-Chun Du	terrydu@gs.ncku.edu.tw
Ching-Hsiang Fan	s1024@msn.com

2. Group A & B: At least 3 credits each in **Introduction to Biomedical Engineering, Engineering Physiology, and Anatomy**. If students in these 2 groups have taken those courses in undergraduate level, the required courses can be waived. (**But need to confirm with department office.**)

Biomedical Engineering BME	P8-013 P811700 [BME7600]	MD	Lecture	INTRODUCTION TO MEDICAL ENGINEERING Medical Device Certificate ProgramCZ * Surgical Translation & Advanced Research (STAR) ProgramCZ Course taught in English	3 Elective
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Biomedical Engineering BME	P8-018 P881700 [BME7012]	MD	Lecture	ENGINEERING PHYSIOLOGY Medical Device Certificate ProgramCZ * Course taught in English	3 Elective
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Biomedical Engineering BME	P8-006 P855000 [BME7500]	MD	Lecture	ANATOMY Surgical Translation & Advanced Research (STAR) ProgramCZ * Medical Device Certificate ProgramCZ	3 Elective
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All are required for group A & B.

3. Any elective courses from BME Institute.
4. Students who take course from other institutes need fill “[Courses Recognition Application Form](#)” and approved by thesis advisor in order to account for graduation credits.

Group C

- Students of the program in Biomedical Engineering Institute are required to complete a minimum of **30 credits including 4 credits of seminars** for graduation.

Biomedical Engineering BME	P8-021 P850020-1 [BME9690]	MD	Discussion	SEMINAR (2) Course taught in English The course enrollment is for 1st year doctoral students, MDI and foreign students who major in Biomechanic and Materials only.	1 Required
Biomedical Engineering BME	P8-022 P850020-2 [BME9690]	MD	Discussion	SEMINAR (2) Course taught in English The course enrollment is for 1st year doctoral students, MDI and foreign students who major in Biomedical electronic and Biosensor only.	1 Required
Biomedical Engineering BME	P8-023 P850040-1 [BME9690]	MD	Discussion	SEMINAR (4) Course taught in English The course enrollment is for 2nd year doctoral students, MDI and foreign students who major in Biomechanic and Materials only.	1 Required
Biomedical Engineering BME	P8-024 P850040-2 [BME9690]	MD	Discussion	SEMINAR (4) Course taught in English The course enrollment is for 2nd year doctoral students, MDI and foreign students who major in Biomedical electronic and Biosensor only.	1 Required
Biomedical Engineering BME	P8-033 P850010-1 [BME9690]	1 MD	Discussion	SEMINAR (1) Course taught in English Taught in English- Biomechanics	1 Required
Biomedical Engineering BME	P8-034 P850010-2 [BME9690]	1 MD	Discussion	SEMINAR (1) Course taught in English Taught in English- Bioelectronics	1 Required
Biomedical Engineering BME	P8-035 P850030-1 [BME9690]	2 MD	Discussion	SEMINAR (3) Course taught in English Taught in English- Biomechanics	1 Required
Biomedical Engineering BME	P8-036 P850030-2 [BME9690]	2 MD	Discussion	SEMINAR (3) Course taught in English Taught in English- Bioelectronics	1 Required

4 Credits Required

(Four credits of seminars, please choose the right group by following the information.)

Biomechanics--Group A

Professor	Email
Fong-Chin Su	fcsu@mail.ncku.edu.tw
Yeau-Ren Jeng	imeyri@gs.ncku.edu.tw
Min-Long Yeh	mlyeh@mail.ncku.edu.tw
Chih-Han Chang	changbme@mail.ncku.edu.tw
Han-Sheng Chuang	oswaldchuang@mail.ncku.edu.tw
Wen-Tai Chiu	wtchiu@mail.ncku.edu.tw
Peng-Ting Chen	chen@mail.ncku.edu.tw
Ping-Ching Wu	wbcxyz@gmail.com
Ting Yuan Tu	tingyuan@mail.ncku.edu.tw
Tai-Hua Yang	dd2006tw@gmail.com
Dean Chou	dean@gs.ncku.edu.tw
Ching-Hsiang Fan	s1024@msn.com

Bioelectronics--Group B

Professor	Email
Jia-Jin J. Chen	chenjj@mail.ncku.edu.tw
Hsien-Chang Chang	hcchang@mail.ncku.edu.tw
Tain-Song Chen	chents@mail.ncku.edu.tw
Kuo-Sheng Cheng	kscheng@mail.ncku.edu.tw
Chih-Chung Huang	cchuang@mail.ncku.edu.tw
Wen-Tai Chiu	wtchiu@mail.ncku.edu.tw
Peng-Ting Chen	chen@mail.ncku.edu.tw
Che Wei Lin	lincw@mail.ncku.edu.tw
Yi-Chun Du	terrydu@gs.ncku.edu.tw
Ching-Hsiang Fan	s1024@msn.com

2. Group C: At least 3 credits each in **Introduction to Biomedical Engineering, Mathematics in Medicine I and II**. If students in this group have taken those courses in undergraduate level, the required courses can be waived. (**But need to confirm with department office.**)

Biomedical Engineering BME	P8-013 P811700 [BME7600]	MD	Lecture	INTRODUCTION TO MEDICAL ENGINEERING Medical Device Certificate Program(CP) Surgical Translation & Advanced Research (STAR) Program(CP) Course taught in English	3 Elective
Biomedical Engineering BME	P8-004 P810810 [BME7000]	MD	Lecture	THE ENGINEERING MATHEMATICS IN MEDICINE Course taught in English	3 Elective
Biomedical Engineering BME	P8-012 P810820 [BME7000]	MD	Lecture	THE ENGINEERING MATHEMATICS IN MEDICINE Course taught in English	3 Elective

All are required for group C.

3. Any elective courses from BME Institute.
4. Students who take course from other institutes need fill “[Courses Recognition Application Form](#)” and approved by thesis advisor in order to account for graduation credits.

Group MDI

- Students of the program in Biomedical Engineering Institute are required to complete a minimum of **30 credits including 4 credits of seminars** for graduation.

Biomedical Engineering BME	P8-021 P850020-1 [BME9690]	MD	Discussion	SEMINAR (2) Course taught in English The course enrollment is for 1st year doctoral students, MDI and foreign students who major in Biomechanic and Materials only.	1 Required
Biomedical Engineering BME	P8-022 P850020-2 [BME9690]	MD	Discussion	SEMINAR (2) Course taught in English The course enrollment is for 1st year doctoral students, MDI and foreign students who major in Biomedical electronic and Biosensor only.	1 Required
Biomedical Engineering BME	P8-023 P850040-1 [BME9690]	MD	Discussion	SEMINAR (4) Course taught in English The course enrollment is for 2nd year doctoral students, MDI and foreign students who major in Biomechanic and Materials only.	1 Required
Biomedical Engineering BME	P8-024 P850040-2 [BME9690]	MD	Discussion	SEMINAR (4) Course taught in English The course enrollment is for 2nd year doctoral students, MDI and foreign students who major in Biomedical electronic and Biosensor only.	1 Required
Biomedical Engineering BME	P8-033 P850010-1 [BME9690]	1 MD	Discussion	SEMINAR (1) Course taught in English Taught in English- Biomechanics	1 Required
Biomedical Engineering BME	P8-034 P850010-2 [BME9690]	1 MD	Discussion	SEMINAR (1) Course taught in English Taught in English- Bioelectronics	1 Required
Biomedical Engineering BME	P8-035 P850030-1 [BME9690]	2 MD	Discussion	SEMINAR (3) Course taught in English Taught in English- Biomechanics	1 Required
Biomedical Engineering BME	P8-036 P850030-2 [BME9690]	2 MD	Discussion	SEMINAR (3) Course taught in English Taught in English- Bioelectronics	1 Required

4 Credits Required

(Four credits of seminars, please choose the right group by following the information.)

Biomechanics--Group A

Professor	Email
Fong-Chin Su	fcsu@mail.ncku.edu.tw
Yeau-Ren Jeng	imeyri@gs.ncku.edu.tw
Min-Long Yeh	mlyeh@mail.ncku.edu.tw
Chih-Han Chang	changbme@mail.ncku.edu.tw
Han-Sheng Chuang	oswaldchuang@mail.ncku.edu.tw
Wen-Tai Chiu	wtchiu@mail.ncku.edu.tw
Peng-Ting Chen	chen@mail.ncku.edu.tw
Ping-Ching Wu	wbcxyz@gmail.com
Ting Yuan Tu	tingyuan@mail.ncku.edu.tw
Tai-Hua Yang	dd2006tw@gmail.com
Dean Chou	dean@gs.ncku.edu.tw
Ching-Hsiang Fan	s1024@msn.com

Bioelectronics--Group B

Professor	Email
Jia-Jin J. Chen	chenjj@mail.ncku.edu.tw
Hsien-Chang Chang	hcchang@mail.ncku.edu.tw
Tain-Song Chen	chents@mail.ncku.edu.tw
Kuo-Sheng Cheng	kscheng@mail.ncku.edu.tw
Chih-Chung Huang	cchuang@mail.ncku.edu.tw
Wen-Tai Chiu	wtchiu@mail.ncku.edu.tw
Peng-Ting Chen	chen@mail.ncku.edu.tw
Che Wei Lin	lincw@mail.ncku.edu.tw
Yi-Chun Du	terrydu@gs.ncku.edu.tw
Ching-Hsiang Fan	s1024@msn.com

2. At least 3 credits each in **BioDesign I, BioDesign II, Introduction to Biomedical Engineering (or Introduction to Medical Engineering), and Physiology(or Engineering Physiology, Orthopedic Anatomy and Physiology for Biomedical Engineers)**. If students in this group have taken those courses, the required courses can be waived. (**But need to confirm with department office.**)

Biomedical Engineering BME	P8-064 P853510 [BME7005]	MD	Lecture	BIODESIGN(1) - IDENTIFY UNMET NEEDS & PRACTICE INVENTION Medical Device Certificate Program ^{C2} Course taught in English Industry Experts Co-teaching MDI Required/Taught in English	3 Required
Biomedical Engineering BME	P8-064 P853520 [BME7006]	MD	Lecture	BIODESIGN(2) - IMPLEMENTATION OF INNOVATIVE MEDICAL DEVICES Medical Device Certificate Program ^{C2} Course taught in English Industry Experts Co-teaching	3 Required
Biomedical Engineering BME	P8-010 P881700 [BME7012]	MD	Lecture	ENGINEERING PHYSIOLOGY Medical Device Certificate Program ^{C2} Course taught in English	3 Elective
Biomedical Engineering BME	P8-006 P855000 [BME7500]	MD	Lecture	ANATOMY Surgical Translation & Advanced Research (STAR) Program ^{C2} * Medical Device Certificate Program ^{C2}	3 Elective

All are required for group MDI.

3. At least 6 credits in High-tech Entrepreneurship Venture Capital, Innovative Medical Device Patent and Regulatory Strategy Management, Medical Instrument Design & Application , Bio-electrochemistry, Biomaterials, Medical Ultrasound, Medical Imaging, Medical Computer, Statistics and Clinical Trials for Medical Device, Biosensor, Medical Image Analysis, Biomedical Signal Processing, Fabrications and Applications of BioMEMS.

Medical Device Certificate Program

To be clear, please check the “Course Information & Enrollment System” for sure.

At least 6 credits in the course with the remark as “Medical Device Certificate Program”, except for BioDesign I, BioDesign II, Introduction to Biomedical Engineering, and Engineering Physiology

4. Any elective courses from BME Institute.
5. Students who take course from other institutes need fill “[Courses Recognition Application Form](#)” and approved by thesis advisor in order to account for graduation credits.

Table for International Master students. (At least 30 credits are needed. Including the following regulations.)

	All Required	Required 1	Required 2	Others
Group A & B	4 Credits of Seminars (with Ph.D. group)	Introduction to Biomedical Engineering Engineering Physiology Anatomy	None	Any elective courses
Group C		Introduction to Biomedical Engineering Mathematics in Medicine I Mathematics in Medicine II		
MDI		BioDesign I BioDesign II Introduction to Biomedical Engineering Engineering Physiology	At least 6 credits in the course with the remark as “Medical Device Certificate Program”, except for Require 1.	